



General Assembly

February Session, 2022

Raised Bill No. 236

LCO No. 1504



Referred to Committee on ENVIRONMENT

Introduced by:
(ENV)

AN ACT CONCERNING THE USE OF BACK-UP DIESEL GENERATORS FOR PURPOSES OF PEAK SHAVING.

Be it enacted by the Senate and House of Representatives in General Assembly convened:

1 Section 1. (NEW) (*Effective July 1, 2022*) (a) For purposes of this
2 section, "peak shaving" means the use of on-site power generation to
3 reduce power consumption from the electric grid.

4 (b) (1) On or after July 1, 2022, any diesel reciprocating engines
5 contemporaneously installed for emergencies and peak shaving
6 purposes at a single facility and totaling more than five megawatts of
7 generating capacity shall be designed and operated such that emissions
8 of air pollutants while operating at steady-state shall not exceed:

T1	Pollutant	Emission limit (pounds per megawatt hour)
T2	Nitrous oxide	0.6
T3	Particulate matter	0.07
T4	Carbon monoxide	2.0
T5	Non-methane hydrocarbons	0.3

9 (2) Notwithstanding the provisions of subdivision (1) of this
 10 subsection, any such diesel reciprocating engine shall not be used for
 11 peak shaving, testing or maintenance purposes on any day for which
 12 the Commissioner of Energy and Environmental Protection forecasts
 13 that ozone levels will be "moderate to unhealthy for sensitive groups",
 14 "unhealthy for sensitive groups", "unhealthy" or "very unhealthy".

15 (3) The use of any such diesel reciprocating engine at such a facility
 16 shall be limited to not more than three hundred hours of operation per
 17 year of peak shaving and not more than five hundred cumulative hours
 18 per year of operation for the following purposes: Emergencies, peak
 19 shaving, maintenance and testing.

20 (4) The exhaust from any such diesel reciprocating engine shall exit
 21 from a stack discharge height of not less than thirty-four feet from
 22 ground elevation to meet air modeling guidelines.

23 (5) Nothing in this section shall prohibit the Commissioner of Energy
 24 and Environmental Protection from prescribing or adopting more
 25 stringent requirements for such diesel reciprocating engines, as
 26 authorized under applicable federal air permitting regulations.

This act shall take effect as follows and shall amend the following sections:		
Section 1	July 1, 2022	New section

Statement of Purpose:

To establish emission, use and exhaust standards for certain diesel reciprocating engines used for peak shaving.

[Proposed deletions are enclosed in brackets. Proposed additions are indicated by underline, except that when the entire text of a bill or resolution or a section of a bill or resolution is new, it is not underlined.]